

Storm Data and Unusual Weather Phenomena - April 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, South				
WILLIAMSON COUNTY --- 5.0 S PITTSBURG [37.70, -88.85]				
	04/02/09 13:59 CST		0	Hail (0.75 in)
	04/02/09 13:59 CST		0	Source: Trained Spotter
WILLIAMSON COUNTY --- 1.0 N CRAB ORCHARD [37.74, -88.80]				
	04/02/09 14:00 CST		15K	Thunderstorm Wind (EG 56 kt)
	04/02/09 14:00 CST		0	Source: Emergency Manager
A vacant trailer measuring about 10-by-30 feet was pushed over. The trailer was not tied down. A cedar tree was blown across the road.				
SALINE COUNTY --- STONEFORT [37.62, -88.72], CARRIERS MILLS [37.68, -88.65]				
	04/02/09 14:05 CST		0	Hail (1.75 in)
	04/02/09 14:15 CST		0	Source: Trained Spotter
FRANKLIN COUNTY --- 1.0 SW THOMPSONVILLE [37.91, -88.78]				
	04/02/09 14:12 CST		0	Hail (1.00 in)
	04/02/09 14:12 CST		0	Source: Broadcast Media
The ground was covered by hail.				
SALINE COUNTY --- 5.0 W HARRISBURG [37.73, -88.64]				
	04/02/09 14:25 CST		0	Hail (1.75 in)
	04/02/09 14:25 CST		0	Source: Law Enforcement
WILLIAMSON COUNTY --- CORINTH [37.82, -88.78]				
	04/02/09 14:25 CST		0	Heavy Rain
	04/02/09 16:00 CST		0	Source: Trained Spotter
Water was over a road.				
JOHNSON COUNTY --- NEW BURNSIDE [37.58, -88.77]				
	04/02/09 14:45 CST		0	Heavy Rain
	04/02/09 15:45 CST		0	Source: Law Enforcement
Water covered a road.				
WHITE COUNTY --- CARMi [38.08, -88.17]				
	04/02/09 14:45 CST		0	Heavy Rain
	04/02/09 15:45 CST		0	Source: COOP Observer
A co-operative observer measured 1.22 inches of rain in one hour. Yards were flooded.				
Numerous thunderstorms developed during the afternoon from western Kentucky into southern Illinois in advance of a lead 500 mb shortwave trough ejecting northeast from the Lower Mississippi Valley. A surface front was located near the Ohio River. Deep layer wind shear was favorable for supercells. Large hail and a few damaging wind gusts were the main severe weather threats.				
WAYNE COUNTY --- ORCHARDVILLE [38.50, -88.65]				
	04/05/09 07:58 CST		0	Hail (0.88 in)
	04/05/09 07:58 CST		0	Source: Amateur Radio
JEFFERSON COUNTY --- WOODLAWN [38.33, -89.03]				
	04/05/09 09:10 CST		0	Hail (0.75 in)
	04/05/09 09:10 CST		0	Source: Trained Spotter
A strong 500 mb shortwave trough and its associated 100-knot mid level jet streak moved east across the Plains during the morning. A deepening surface low moved across northwest Missouri, with a warm front extending southeast into southern Illinois. Low level moisture increased along the warm front. There were isolated occurrences of dime to nickel-size hail near the warm front.				

Storm Data and Unusual Weather Phenomena - April 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALEXANDER COUNTY --- 0.3 W URBAN DALE [37.05, -89.19], 0.9 SSW URBAN DALE [37.04, -89.19], 0.8 S URBAN DALE [37.04, -89.18], 0.0 SE URBAN DALE [37.05, -89.18]				
	04/06/09 20:00 CST		0	Flood (due to Heavy Rain)
	04/09/09 17:00 CST		0	Source: River/Stream Gage
At the Cairo river gage, the Ohio River crested at 40.10 feet on the 7th. This was just inches above the flood stage of 40 feet. Minor flooding occurred, affecting low-lying bottomland fields.				
Heavy rain over the upper portions of the Mississippi River Valley caused rises along lower parts of the Mississippi. The Mississippi River sent enough backwater into the lower Ohio River to produce minor flooding at Cairo.				
(IL-Z075) JEFFERSON, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI				
	04/07/09 04:00 CST		0	Frost/Freeze
	04/07/09 06:00 CST		0	
Unseasonably cold air was ushered into the region on northwest winds between low pressure over New England and high pressure over the Plains. Low temperatures were around 32 degrees. The freeze was mainly along and west of Interstate 57.				
(IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z087) GALLATIN, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z091) HARDIN, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC				
	04/08/09 01:00 CST		0	Frost/Freeze
	04/08/09 06:00 CST		0	
Unseasonably cold air persisted across the region. Light winds and clear skies allowed temperatures to again fall to around 30 degrees.				
(IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z084) JACKSON				
	04/09/09 04:00 CST		0	Frost/Freeze
	04/09/09 06:00 CST		0	
A weak ridge of high pressure moved east across the Lower Ohio Valley late in the night. Clear skies and light winds allowed temperatures to bottom out around 30 degrees. The freeze occurred along and north of a Carbondale to Carmi line.				
WABASH COUNTY --- 1.5 E MT CARMEL [38.42, -87.74], 1.9 NE MT CARMEL [38.44, -87.74], 1.6 NE MT CARMEL [38.44, -87.75], 1.1 E MT CARMEL [38.42, -87.75]				
	04/09/09 21:00 CST		0	Flood (due to Heavy Rain)
	04/24/09 17:00 CST		0	Source: River/Stream Gage
Minor flooding of fields, low-lying bottomland, and several roads occurred along the Wabash River. At the Mount Carmel gage, where flood stage is 19 feet, the river crested at 23.71 feet on the 15th. Water flowed over River Road just north of Fifth Street in the Mount Carmel area. A few local river roads were closed by high water.				
WHITE COUNTY --- MAUNIE [38.03, -88.05], 1.0 E MAUNIE [38.03, -88.03], 1.2 E MAUNIE [38.03, -88.03], 0.6 NE MAUNIE [38.04, -88.04]				
	04/10/09 20:00 CST		0	Flood (due to Heavy Rain)
	04/25/09 14:00 CST		0	Source: River/Stream Gage
Minor flooding of low-lying fields and bottomland occurred along the Wabash River. At the New Harmony, Indiana gage, where flood stage is 15 feet, the river crested at 17.32 feet on the 16th.				
WHITE COUNTY --- 1.4 SSE CARMi MUNI ARPT [38.08, -88.14], 1.6 SE CARMi [38.06, -88.15], 1.2 SE CARMi [38.07, -88.15], 1.0 S CARMi MUNI ARPT [38.09, -88.15]				
	04/12/09 20:00 CST		0	Flood (due to Heavy Rain)
	04/27/09 06:00 CST		0	Source: River/Stream Gage
Minor flooding of the Little Wabash River occurred near Carmi. Some county roads were inundated, and low-lying fields and bottomlands were flooded. At the Carmi gage, where flood stage is 27 feet, the river crested at 31.09 feet on the 17th.				
Frequent heavy rains during April sent the Wabash and Little Wabash Rivers above flood stage. The flooding was minor. The primary impact of the flooding was to delay spring planting of crops.				
ALEXANDER COUNTY --- MILLER CITY [37.12, -89.37]				

Storm Data and Unusual Weather Phenomena - April 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/09/09 23:34 CST		80K	Thunderstorm Wind (EG 70 kt)
	04/09/09 23:34 CST		0	Source: Newspaper

A recently built shop was destroyed. Windows were blown out of a house. A camper was blown into a field. An irrigation rig was turned over and destroyed.

MASSAC COUNTY --- 1.7 NW METROPOLIS MUNI ARPT [37.20, -88.77], 5.0 N METROPOLIS [37.22, -88.73]

04/10/09 00:06 CST	0.20M	Thunderstorm Wind (EG 83 kt)
04/10/09 00:10 CST	0	Source: NWS Storm Survey

Approximately two dozen homes received minor damage. Shingles were torn off, and there was some damage to eaves. Windows and walls from a bath house were blown out and moved three feet. A metal storage trailer was separated from the foundation and moved 50 to 70 feet. One storage trailer was rolled on its side. Several sheds and barns were damaged or destroyed. Several trees were uprooted or snapped. The majority of the damage was observed within the first mile of the damage path. The path width of this microburst was about one-half mile.

A bow-shaped line of thunderstorms moved east across southeast Missouri and western Kentucky. The northern end of the bow clipped extreme southern Illinois. The bowing line of thunderstorms occurred ahead of a strong mid-level low progressing eastward across southeast Kansas and northeast Oklahoma. Instability was limited north of a warm front over extreme southeast Missouri and western Tennessee, but the intensity of the approaching system and strong winds aloft contributed to locally damaging winds and hail.

MASSAC COUNTY --- METROPOLIS [37.15, -88.73]

04/10/09 09:37 CST	0	Hail (1.00 in)
04/10/09 09:50 CST	0	Source: NWS Employee

Quarter size hail was reported. Most of the hail was pea to nickel size. Most of the hail reports were on the east side of town.

MASSAC COUNTY --- 1.0 E METROPOLIS [37.15, -88.71]

04/10/09 09:46 CST	0	Funnel Cloud
04/10/09 09:46 CST	0	Source: Emergency Manager

A rotating wall cloud was observed by trained spotters and an off-duty meteorologist crossing the Ohio River from western McCracken County, KY into the Metropolis area. The wall cloud briefly produced a funnel cloud for a minute or two over the east side of Metropolis.

MASSAC COUNTY --- BROOKPORT [37.12, -88.63]

04/10/09 10:55 CST	0	Hail (1.00 in)
04/10/09 10:55 CST	0	Source: Trained Spotter

WILLIAMSON COUNTY --- MARION [37.73, -88.93], 1.0 SE CORINTH [37.81, -88.77]

04/10/09 12:10 CST	0	Heavy Rain
04/10/09 15:10 CST	0	Source: Trained Spotter

Water was over roads in Marion. Water was over a road in several places near Corinth.

A strong low pressure system tracked east to the Lower Ohio Valley, with a trailing cold front sweeping east across western Kentucky. Storms developed and increased along the advancing cold front as they moved into increasingly unstable air. The storms became increasingly organized, with line segments and supercells moving at over 45 mph. A cluster of thunderstorms near the low pressure center produced torrential rain in the Marion and Harrisburg areas.

ALEXANDER COUNTY --- URBANDALE [37.05, -89.18], 0.7 S URBANDALE [37.04, -89.18], 0.7 SSW URBANDALE [37.04, -89.19], 0.2 W URBANDALE [37.05, -89.18]

04/15/09 21:00 CST	0	Flood (due to Heavy Rain)
04/18/09 21:00 CST	0	Source: River/Stream Gage

At the Cairo river gage, the Ohio River crested at 40.85 feet on the 16th. This was just inches above the flood stage of 40 feet. Minor flooding occurred, affecting low-lying bottomland fields.

Continued heavy rain over the upper portions of the Mississippi River Valley caused rises along lower parts of the Mississippi. The Mississippi River sent enough backwater into the lower Ohio River to produce minor flooding at Cairo for the second time this month. The primary impact was to delay spring planting of crops.

JEFFERSON COUNTY --- 1.4 SE SHIRLEY [38.26, -88.81], 0.8 ENE BAKERVILLE [38.25, -88.89], 2.3 SSW MT VERNON [38.29, -88.91], 1.4 WNW SHIRLEY [38.29, -88.85]

04/19/09 20:30 CST	10K	Flash Flood (due to Heavy Rain)
04/19/09 21:30 CST	0	Source: Law Enforcement

Storm Data and Unusual Weather Phenomena - April 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A vehicle was swept off a roadway. The female occupant was rescued unhurt. Highway 142 was closed at the Interstate 64 underpass. A few secondary roads were closed.

A deep, closed low moved northeast from the southern Plains across the mid Mississippi Valley. A small but solid area of heavy rain and embedded thunderstorms surrounded the low center as it drifted northeast. This resulted in localized flash flooding.

ALEXANDER COUNTY --- URBANDALE [37.05, -89.18], 0.6 S URBANDALE [37.04, -89.18], 0.6 SSW URBANDALE [37.04, -89.19], 0.2 W URBANDALE [37.05, -89.18]

04/22/09 01:00 CST	0	Flood (due to Heavy Rain)
04/22/09 03:00 CST	0	Source: River/Stream Gage

At the Cairo river gage, the Ohio River crested at 40.00 feet. This was exactly at the flood stage of 40 feet. Minor flooding occurred, affecting low-lying bottomland fields.

Continued heavy rain over the upper portions of the Mississippi River Valley caused another rise along lower parts of the Mississippi. The Mississippi River sent enough backwater into the lower Ohio River to produce minor flooding at Cairo for the third time this month. The primary impact was to delay spring planting of crops.

ALEXANDER COUNTY --- 1.2 N CAIRO [37.02, -89.18], 1.4 N CAIRO [37.02, -89.18], 1.6 N CAIRO [37.02, -89.18], 1.7 NNW CAIRO [37.02, -89.19]

04/30/09 17:57 CST	0	Flash Flood (due to Heavy Rain)
04/30/09 19:45 CST	0	Source: Law Enforcement

The U.S. Highway 51 tunnel under railroad tracks on the north side of Cairo was flooded.

Numerous thunderstorms increased along an axis from central Arkansas into southeast Missouri and southern Illinois, then moved east across western Kentucky. The complex of storms contained very heavy rainfall that resulted in localized flash flooding.

INDIANA, Southwest

WARRICK COUNTY --- NEWBURGH [37.95, -87.42]

04/02/09 15:57 CST	0	Funnel Cloud
04/02/09 15:57 CST	0	Source: Trained Spotter

SPENCER COUNTY --- ROCKPORT [37.88, -87.05]

04/02/09 16:01 CST	0	Hail (0.75 in)
04/02/09 16:01 CST	0	Source: Trained Spotter

Numerous thunderstorms developed during the afternoon from western Kentucky into southwest Indiana in advance of a lead 500 mb shortwave trough ejecting northeast from the Lower Mississippi Valley. A surface front was located near the Ohio River. Deep layer wind shear was favorable for supercells, while instability and moisture were sufficient for a tornado or two.

GIBSON COUNTY --- OWENSVILLE [38.27, -87.68]

04/05/09 15:10 CST	20K	Thunderstorm Wind (EG 52 kt)
04/05/09 15:10 CST	0	Source: Law Enforcement

Trees and power lines were down across roads.

POSEY COUNTY --- WADESVILLE [38.10, -87.78]

04/05/09 17:30 CST	0	Hail (0.88 in)
04/05/09 17:30 CST	0	Source: Trained Spotter

A strong 500 mb shortwave trough and its associated 100-knot mid level jet streak tracked into the Lower Ohio Valley during the afternoon. A deepening surface low moved across central Illinois into Indiana, with a cold front trailing south-southwest into central Arkansas. Low level moisture increased in the warm sector, and along with surface heating, mixed layer capes rose to near 1000 joules per kilogram. Isolated severe thunderstorms developed ahead of the cold front and tracked rapidly east-northeast.

PIKE COUNTY --- 1.0 NNE PETERSBURG [38.51, -87.28], 0.7 NNW PETERSBURG [38.51, -87.29], 0.9 NNW PETERSBURG [38.51, -87.29], 1.1 N PETERSBURG [38.52, -87.28]

04/07/09 18:30 EST	2K	Flood (due to Heavy Rain)
04/21/09 08:00 EST	0	Source: River/Stream Gage

Storm Data and Unusual Weather Phenomena - April 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Minor flooding of the White River occurred near Petersburg. Flooding affected higher bottomlands and possibly a few residents in an area known as Dodge City. Local roads leading to the Dodge City area were flooded. State Road 257 south of Washington completely flooded. Flooding affected low agricultural lands, low oil fields, and closed a few local county roads. At the Petersburg gage, where flood stage is 16 feet, the river crested at 21.15 feet on the 12th.				

GIBSON COUNTY --- 1.8 NE HAZLETON [38.50, -87.51], 1.4 N HAZLETON [38.50, -87.53], 1.0 NNW HAZLETON [38.49, -87.54], 1.6 NE HAZLETON [38.49, -87.51]

04/09/09 08:00 CST	2K	Flood (due to Heavy Rain)
04/22/09 09:00 CST	0	Source: River/Stream Gage

Minor flooding of the White River occurred near Hazleton. Most of the low bottomlands flooded. Flooding began in higher bottomlands. High water affected any residents that did not evacuate Pottsville river cabins. Pottsville Road, North C Street on the river side of the railroad tracks, and Catt Street near U. S. Highway 41 were flooded. Oil stripped fields flooded. Flood gates were installed at Hazleton. At the Hazleton river gage, where flood stage is 16 feet, the river crested at 21 feet on the 14th.

April was a very wet month across much of central Indiana. Frequent rains allowed lowland flooding to persist along the White River for more than two weeks. The most significant rain of the month occurred on the 5th, when two to four inches fell in much of central Indiana. Follow up rains on the 9th, 10th, 13th, and 14th of one-half to one inch prolonged the flooding. The primary effect of the flooding was to delay spring planting.

(IN-Z081) GIBSON, (IN-Z082) PIKE, (IN-Z085) POSEY, (IN-Z086) VANDERBURGH, (IN-Z087) WARRICK, (IN-Z088) SPENCER

04/08/09 01:00 CST	0	Frost/Freeze
04/08/09 06:00 CST	0	

Unseasonably cold air persisted across the region. Light winds and clear skies allowed temperatures to fall to around 32 degrees.

(IN-Z081) GIBSON, (IN-Z082) PIKE, (IN-Z085) POSEY, (IN-Z086) VANDERBURGH, (IN-Z087) WARRICK

04/09/09 04:00 CST	0	Frost/Freeze
04/09/09 06:00 CST	0	

A weak ridge of high pressure moved east across the Lower Ohio Valley late in the night. Clear skies and light winds allowed temperatures to bottom out around 32 degrees. The freeze occurred from Boonville north and west.

GIBSON COUNTY --- EAST MT CARMEL [38.40, -87.73], 1.1 W EAST MT CARMEL [38.40, -87.75], 1.3 NW EAST MT CARMEL [38.41, -87.74], 1.2 NNW EAST MT CARMEL [38.42, -87.74]

04/09/09 22:00 CST	2K	Flood (due to Heavy Rain)
04/24/09 12:00 CST	0	Source: River/Stream Gage

Minor flooding of fields, low-lying bottomland, and several roads occurred along the Wabash River. At the Mount Carmel, Illinois gage, where flood stage is 19 feet, the river crested at 23.71 feet on the 15th. Flood waters affected residents of East Mt. Carmel, Indiana. Fifth Street that parallels the river was closed. Twin Restaurant along the river also closed. Several local river roads were flooded.

POSEY COUNTY --- 0.6 WNW NEW HARMONY [38.13, -87.94], 1.1 NNE NEW HARMONY [38.15, -87.92], 0.9 NNE NEW HARMONY [38.14, -87.92], 0.3 NE NEW HARMONY [38.13, -87.93]

04/10/09 22:00 CST	0	Flood (due to Heavy Rain)
04/25/09 12:00 CST	0	Source: River/Stream Gage

Minor flooding of low-lying fields and bottomland occurred along the Wabash River. At the New Harmony gage, where flood stage is 15 feet, the river crested at 17.32 feet on the 16th.

Frequent heavy rains during April sent the Wabash River above flood stage. The flooding was minor. The primary impact of the flooding was to delay spring planting of crops.

KENTUCKY, Southwest

MARSHALL COUNTY --- HARDIN [36.77, -88.30]

04/02/09 13:55 CST	0	Hail (0.75 in)
04/02/09 13:55 CST	0	Source: Trained Spotter

MUHLENBERG COUNTY --- GREENVILLE [37.20, -87.18]

04/02/09 14:55 CST	0	Hail (1.00 in)
04/02/09 15:02 CST	0	Source: Trained Spotter

Storm Data and Unusual Weather Phenomena - April 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HOPKINS COUNTY --- EARLINGTON [37.27, -87.52]				
	04/02/09 15:20 CST		0	Heavy Rain
	04/02/09 17:00 CST		0	Source: Emergency Manager
U.S. Highway 41 was flooded out. Numerous other smaller roads were flooded. A mesonet site in Hopkins County measured 1.03 inches.				
DAVIESS COUNTY --- 0.5 N DOYLE [37.76, -87.07], 1.1 WNW DOYLE [37.76, -87.09], 0.6 WNW DOYLE [37.75, -87.08], 0.3 NNE DOYLE [37.75, -87.07]				
	04/02/09 16:20 CST		2K	Flash Flood (due to Heavy Rain)
	04/02/09 17:15 CST		0	Source: Emergency Manager
On the east side of Owensboro, a vehicle ran off the U.S. Highway 231/60 by-pass into a flooded ditch. The occupants of the vehicle were rescued by divers. Manhole covers were lifted up by overflowing sewer water. Many streets were flooded.				
Numerous thunderstorms developed during the afternoon from western Kentucky into southwest Indiana in advance of a lead 500 mb shortwave trough ejecting northeast from the Lower Mississippi Valley. A surface front was located near the Ohio River. Deep layer wind shear was favorable for supercells. Very heavy rain accompanied some storms, resulting in isolated flash flooding.				
FULTON COUNTY --- HICKMAN [36.57, -89.18]				
	04/05/09 11:35 CST		0	Hail (1.00 in)
	04/05/09 11:40 CST		0	Source: Law Enforcement
The hail lasted about 5 minutes.				
CALLOWAY COUNTY --- LYNN GROVE [36.60, -88.43], MURRAY [36.62, -88.32]				
	04/05/09 13:08 CST		0	Hail (0.88 in)
	04/05/09 13:12 CST		0	Source: Trained Spotter
Nickel-size hail fell at Lynn Grove. Penny-size hail fell near Murray State University.				
BALLARD COUNTY --- 3.8 NE INGLESIDE [37.15, -88.86]				
	04/05/09 14:15 CST		10K	Thunderstorm Wind (EG 56 kt)
	04/05/09 14:15 CST		0	Source: Emergency Manager
A house sustained roof and siding damage.				
MCCRACKEN COUNTY --- 0.1 ENE TYLER [37.05, -88.58], 2.6 SSW TYLER [37.01, -88.60]				
	04/05/09 14:31 CST		40K	Thunderstorm Wind (EG 70 kt)
	04/05/09 14:33 CST		0	Source: NWS Storm Survey
Large portions of roofing were blown off a church on the southeast outskirts of the city of Paducah. Within one-quarter mile of the church, several homes received shingle damage, a flagpole was snapped, and a barbecue shack was blown down. On Interstate 24 near the 10-mile marker, a bus crash was indirectly blamed on strong winds. A car reportedly blew into a truck, and the truck either struck the bus or caused the bus to crash. The bus driver was critically injured, and about a dozen passengers were taken to a local hospital.				
MCCRACKEN COUNTY --- REIDLAND [37.02, -88.53]				
	04/05/09 14:45 CST		5K	Lightning
	04/05/09 14:45 CST		0	Source: Public
Lightning struck a house, damaging electrical devices.				
MARSHALL COUNTY --- PALMA [36.97, -88.37]				
	04/05/09 14:53 CST		0	Thunderstorm Wind (EG 52 kt)
	04/05/09 14:53 CST		0	Source: Trained Spotter
HOPKINS COUNTY --- 1.9 S SIXSEAM [37.14, -87.67]				
	04/05/09 16:04 CST		0	Hail (1.00 in)
	04/05/09 16:04 CST		0	Source: Trained Spotter
The hail was reported at the first entrance of the Pennyryle State Forest heading south from Dawson Springs.				
TODD COUNTY --- ELKTON [36.82, -87.15]				

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	04/05/09 17:03 CST		0	Thunderstorm Wind (MG 56 kt)
	04/05/09 17:03 CST		0	Source: Law Enforcement
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HENDERSON COUNTY --- 5.0 E HENDERSON [37.83, -87.49]				
	04/05/09 17:55 CST		0	Hail (0.75 in)
	04/05/09 17:55 CST		0	Source: Emergency Manager
<p>A strong 500 mb shortwave trough and its associated 100-knot mid level jet streak tracked into the Lower Ohio Valley during the afternoon. A deepening surface low moved across central Illinois into Indiana, with a cold front trailing south-southwest into central Arkansas. Low level moisture increased in the warm sector, and along with surface heating, mixed layer capes rose to near 1000 joules per kilogram. Isolated severe thunderstorms developed ahead of the cold front and tracked rapidly east-northeast.</p>				
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(KY-Z007) LIVINGSTON, (KY-Z010) CRITTENDEN, (KY-Z011) LYON, (KY-Z012) TRIGG, (KY-Z013) CALDWELL, (KY-Z014) UNION, (KY-Z015) WEBSTER, (KY-Z016) HOPKINS, (KY-Z017) CHRISTIAN, (KY-Z018) HENDERSON, (KY-Z019) DAVIESS, (KY-Z020) MCLEAN, (KY-Z021) MUHLENBERG, (KY-Z022) TODD				
	04/08/09 01:00 CST		0	Frost/Freeze
	04/08/09 06:00 CST		0	
<p>Unseasonably cold air persisted across the region. Light winds and clear skies allowed temperatures to fall to around 32 degrees. The freeze occurred to the north and east of the Kentucky Lake region.</p>				
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CARLISLE COUNTY --- 1.4 ESE WINNFORD [36.91, -89.05]				
	04/09/09 23:50 CST		5K	Thunderstorm Wind (EG 56 kt)
	04/09/09 23:50 CST		0	Source: Newspaper
<p>The side of a storage building was torn off. A utility line was down.</p>				
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BALLARD COUNTY --- BARLOW [37.05, -89.05]				
	04/09/09 23:55 CST		10K	Thunderstorm Wind (EG 52 kt)
	04/09/09 23:55 CST		0	Source: Trained Spotter
<p>A metal roof was blown off a home onto an automobile.</p>				
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MCCRACKEN COUNTY --- 2.1 SSE WOODVILLE [37.07, -88.86], 1.2 WNW AVONDALE HGTS [37.07, -88.69]				
	04/10/09 00:00 CST		0.10M	Thunderstorm Wind (EG 65 kt)
	04/10/09 00:15 CST		0	Source: NWS Storm Survey
<p>A swath of damaging winds occurred in western McCracken County, from the Ballard County line east to the Paducah city limits. Two storage sheds were destroyed at a farm center on U.S. Route 60 at the Ballard County line. Dog kennels were blown across a field. A power pole was snapped. A few miles west of the Heath community, a 15-by-18 foot section of roof was blown off a church and into a road. A neighboring tobacco barn was destroyed, and shingles were blown off a house roof. Off Highway 358 a couple miles west of Grahamville, a major TVA electrical transmission line went down, along with four large wood electrical towers. An awning in front of a business was destroyed. Numerous tree limbs were blown across roads from the Ballard County line east to near Heath. A wind gust to 60 mph was measured at the National Weather Service office at Barkley Regional Airport. On the west side of the city of Paducah, sheds were blown across a road from a home improvement store. Winds remained strong across the rest of McCracken County, but just below severe levels. A gust to 56 mph was measured in Reidland.</p>				
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CHRISTIAN COUNTY --- HOPKINSVILLE [36.85, -87.48]				
	04/10/09 01:50 CST		0	Hail (0.75 in)
	04/10/09 01:50 CST		0	Source: Trained Spotter
<p>A bow-shaped line of thunderstorms moved east across western Kentucky. The bowing line of thunderstorms occurred ahead of a strong mid-level low progressing eastward across southeast Kansas and northeast Oklahoma. Instability was limited north of a warm front over extreme southeast Missouri and western Tennessee, but the intensity of the approaching system and strong winds aloft contributed to locally damaging winds and hail.</p>				
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CALLOWAY COUNTY --- 2.0 S MURRAY [36.59, -88.32]				
	04/10/09 08:48 CST		0	Hail (0.75 in)
	04/10/09 08:48 CST		0	Source: Trained Spotter
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TRIGG COUNTY --- CADIZ [36.87, -87.82], 1.0 E MONTGOMERY [36.88, -87.71]				
	04/10/09 09:16 CST		0	Hail (1.00 in)
	04/10/09 09:25 CST		0	Source: Trained Spotter

Storm Data and Unusual Weather Phenomena - April 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MCCRACKEN COUNTY --- 2.0 SSE WOODVILLE [37.07, -88.87]				
	04/10/09 09:23 CST		0	Hail (1.00 in)
	04/10/09 09:23 CST		0	Source: Trained Spotter
The hail was reported on U.S. Highway 60 at the McCracken and Ballard County line.				
HOPKINS COUNTY --- 1.6 NW DAWSON SPGS ARPT [37.20, -87.69]				
	04/10/09 09:50 CST		0	Hail (0.75 in)
	04/10/09 09:50 CST		0	Source: Trained Spotter
The hail was reported at the Dawson Springs exit on the Western Kentucky Parkway.				
MCCRACKEN COUNTY --- 2.0 SE REIDLAND [37.00, -88.50]				
	04/10/09 09:59 CST		0	Hail (1.25 in)
	04/10/09 09:59 CST		0	Source: Emergency Manager
MARSHALL COUNTY --- SHARPE [36.97, -88.45], CALVERT CITY [37.03, -88.35]				
	04/10/09 10:04 CST		0	Hail (1.00 in)
	04/10/09 10:19 CST		0	Source: Trained Spotter
LIVINGSTON COUNTY --- LEDBETTER [37.05, -88.48]				
	04/10/09 10:11 CST		0	Hail (0.88 in)
	04/10/09 10:11 CST		0	Source: Trained Spotter
CALLOWAY COUNTY --- 2.8 W ALMO [36.71, -88.32], 2.6 S WADESBORO [36.71, -88.32]				
	04/10/09 10:15 CST		0.25M	Thunderstorm Wind (EG 61 kt)
	04/10/09 10:20 CST		0	Source: NWS Storm Survey
This microburst was about 100 yards wide. Dozens of houses sustained shingle and minor siding damage. An uninhabited mobile home was blown over and destroyed. The mobile home was strapped down securely. Half a dozen barns sustained roof damage. A propane tank was moved. A few trees and power lines were blown down. An EF0 tornado occurred in the vicinity of this microburst.				
CALLOWAY COUNTY --- 2.8 W ALMO [36.71, -88.32], 2.8 WNW ALMO [36.71, -88.32]				
	04/10/09 10:16 CST		0.20M	Tornado (EF0, L: 0.26 mi , W: 75 yd)
	04/10/09 10:18 CST		0	Source: NWS Storm Survey
Shingles and siding were blown off several homes. There was light structural damage. Several storage buildings were destroyed. Dozens of trees were uprooted or snapped. At least two witnesses reported seeing a funnel cloud briefly dip to the ground and lift back up. Peak winds were estimated near 85 mph.				
LIVINGSTON COUNTY --- 1.2 NW LAKE CITY [37.04, -88.27]				
	04/10/09 10:35 CST		0	Hail (0.88 in)
	04/10/09 10:35 CST		0	Source: NWS Employee
The hail was reported at exit 31 on Interstate 24 by a National Weather Service employee.				
LYON COUNTY --- 4.3 NNW SARATOGA [37.11, -88.03], 4.5 NNW SARATOGA [37.11, -88.03]				
	04/10/09 10:45 CST		70K	Tornado (EF1, L: 0.34 mi , W: 50 yd)
	04/10/09 10:46 CST	1	0	Source: NWS Storm Survey
This short-lived tornado began on the north side of exit 4 of the Western Kentucky Parkway. The tornado path stayed along the north side of U.S. Highway 62. The end wall of a commercial building was blown out. A mobile home was overturned. Another mobile home was unroofed. Two vehicles were damaged. Several trees and power lines were down. Two eyewitnesses observed the tornado from the south side of exit 4. One person was slightly injured when a glass window was blown out of his mobile home. He refused treatment for his hand injury. Peak winds were estimated near 90 mph.				
UNION COUNTY --- STURGIS [37.55, -87.98]				
	04/10/09 10:45 CST		10K	Thunderstorm Wind (EG 61 kt)
	04/10/09 10:45 CST		0	Source: Emergency Manager
The roof was blown off the back side of a house. Other damage was reported in the surrounding area.				

Storm Data and Unusual Weather Phenomena - April 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHRISTIAN COUNTY --- 1.4 WSW POD [37.07, -87.55], 0.3 NE POD [37.08, -87.53]				
	04/10/09 10:47 CST		14K	Tornado (EF0, L: 1.60 mi , W: 50 yd)
	04/10/09 10:49 CST		0	Source: NWS Storm Survey
This was the first tornado spawned by a supercell that tracked across northern Christian County. A few trees or tree limbs were down, along with a de-roofed farm shed. The porch roof of a house was damaged. Tin was peeled from a barn. Peak winds were near 75 mph.				
CHRISTIAN COUNTY --- 0.9 SW MANNINGTON [37.12, -87.49], 0.3 SSE MANNINGTON [37.13, -87.48]				
	04/10/09 10:54 CST		0.15M	Tornado (EF3, L: 0.78 mi , W: 75 yd)
	04/10/09 10:56 CST	2	0	Source: NWS Storm Survey
This was the second and more intense of the tornadoes spawned by a supercell that tracked across Christian County. Near Mannington, a garage was destroyed, and a house was levelled. The main debris pile from the house was about 50 feet away. The 2,500 square-foot house was poorly anchored to the foundation. Two persons in the house were injured. One of the victims was thrown about 70 feet and suffered a broken pelvis. Footage of the tornado was taken by witnesses along the Pennyrile Parkway and shown on a local media outlet. Peak winds were estimated near 140 mph. The tornado tracked a short distance into Hopkins County before lifting.				
HOPKINS COUNTY --- 1.7 SSW ROMNEY [37.13, -87.48], 1.4 SSE ROMNEY [37.13, -87.46]				
	04/10/09 10:56 CST		2K	Tornado (EF1, L: 1.24 mi , W: 50 yd)
	04/10/09 10:57 CST		0	Source: NWS Storm Survey
The tornado continued into Hopkins County from Christian County for about a mile. The tornado deposited insulation in tree tops from a house in Christian County. Little additional damage occurred after crossing the county line.				
MCLEAN COUNTY --- ISLAND [37.45, -87.15]				
	04/10/09 11:08 CST		0	Hail (1.00 in)
	04/10/09 11:08 CST		0	Source: Trained Spotter
CHRISTIAN COUNTY --- 1.0 E CROFTON [37.05, -87.46]				
	04/10/09 11:38 CST		2K	Thunderstorm Wind (EG 52 kt)
	04/10/09 11:38 CST		0	Source: NWS Storm Survey
Minor shingle damage occurred at a residence.				
CHRISTIAN COUNTY --- 2.0 SW CROFTON [37.03, -87.51], CROFTON [37.05, -87.48]				
	04/10/09 11:44 CST		20K	Hail (3.00 in)
	04/10/09 11:44 CST		0	Source: Emergency Manager
Hen egg to baseball size hail occurred. Damage was reported. A hailstone saved by a weather spotter was 3 inches in diameter even after it had melted slightly before being placed in a freezer.				
MUHLENBERG COUNTY --- WEIR [37.12, -87.22], UNION RIDGE [37.12, -87.00]				
	04/10/09 12:12 CST		0	Funnel Cloud
	04/10/09 12:25 CST		0	Source: Trained Spotter
A strong low pressure system tracked east to the Lower Ohio Valley, with a trailing cold front sweeping east across western Kentucky. Storms developed and increased along the advancing cold front as they moved into increasingly unstable air. Very strong low level wind shear was favorable for tornadoes. The storms became increasingly organized, with line segments and supercells moving at over 45 mph.				
CHRISTIAN COUNTY --- OAK GROVE [36.67, -87.43]				
	04/13/09 12:53 CST		0	Hail (0.75 in)
	04/13/09 12:53 CST		0	Source: Trained Spotter
Broken lines of thunderstorms developed and intensified during the afternoon ahead of a surface cold front and strong upper low.				
BALLARD COUNTY --- 0.7 S WICKLIFFE [36.96, -89.08], WICKLIFFE [36.97, -89.08], 1.2 SW BANDANA [37.14, -88.96], 0.7 W INGLESIDE [37.12, -88.93]				
	04/30/09 17:57 CST		0	Flash Flood (due to Heavy Rain)
	04/30/09 19:45 CST		0	Source: Law Enforcement
Water was over the road at the intersection of Highways 121 and 286 in Wickliffe. Water was over another less travelled road near Bandana.				

Storm Data and Unusual Weather Phenomena - April 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GRAVES COUNTY --- 0.9 NE BOYDSVILLE [36.51, -88.49], 0.9 NE BOYDSVILLE [36.51, -88.49]				
	04/30/09 18:11 CST		1K	Tornado (EF0, L: 0.05 mi , W: 40 yd)
	04/30/09 18:12 CST		0	Source: NWS Storm Survey
A brief EF0 tornado touchdown occurred about 2.5 miles south of Bell City, near the intersection of Highway 97 and Highway 1270. The actual touchdown was 0.2 miles east of Highway 97 on Highway 1270. Minor tree damage occurred. Peak winds were estimated near 75 mph.				
CALLOWAY COUNTY --- 2.0 SE ALMO [36.68, -88.24], 1.0 WNW SHILOH [36.69, -88.24]				
	04/30/09 18:44 CST		3K	Tornado (EF0, L: 0.73 mi , W: 40 yd)
	04/30/09 18:45 CST		0	Source: NWS Storm Survey
An EF0 tornado touched down along Highway 464 near Almo and travelled to the northeast before lifting. Several trees and limbs were downed. One large oak tree was uprooted. Minor damage was done to siding on a home. There was one eyewitness to the tornado. Peak winds were estimated near 80 mph.				
Scattered thunderstorms increased along an axis from central Arkansas into southeast Missouri and southern Illinois, then moved east across western Kentucky. These storms moved through a region of marginal instability, but deep-layer vertical wind shear was sufficient for isolated severe storms. The complex of storms contained very heavy rainfall that resulted in localized flash flooding.				
MISSOURI, Southeast				
CAPE GIRARDEAU COUNTY --- 0.7 E CAPE GIRARDEAU [37.30, -89.52], 1.1 NE CAPE GIRARDEAU [37.31, -89.52], 1.1 NE CAPE GIRARDEAU [37.31, -89.52], 0.6 E CAPE GIRARDEAU [37.30, -89.52]				
	04/01/09 00:00 CST		0	Flood (due to Heavy Rain)
	04/05/09 07:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Mississippi River, affecting low-lying bottomland fields. At the Cape Girardeau gage, the river crested at 33.41 feet on the 2nd. Flood stage there is 32 feet.				
In addition to above normal rainfall and snowmelt across upstream portions of the Mississippi River Basin, two storm systems brought locally over 2 inches of rainfall to southeast Missouri on March 24-25th, and March 28th, respectively. This was enough to keep river levels above flood stage at Cape Girardeau into early April.				
(MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z108) RIPLEY, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z111) SCOTT				
	04/07/09 04:00 CST		0	Frost/Freeze
	04/07/09 06:00 CST		0	
Unseasonably cold air was ushered into the region on northwest winds between low pressure over New England and high pressure over the Plains. Low temperatures were around 32 degrees. The freeze was mainly north and west of Sikeston.				
(MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z108) RIPLEY, (MO-Z111) SCOTT				
	04/08/09 01:00 CST		0	Frost/Freeze
	04/08/09 06:00 CST		0	
Unseasonably cold air persisted across the region. Light winds and clear skies allowed temperatures to again fall to around 30 degrees. The freeze was mainly north and west of a line from Poplar Bluff to Cape Girardeau.				
RIPLEY COUNTY --- DONIPHAN [36.62, -90.82]				
	04/09/09 22:11 CST		0	Thunderstorm Wind (MG 52 kt)
	04/09/09 22:11 CST		0	Source: Emergency Manager
Several gusts were measured from 55 to 59 mph. The peak gust was clocked at 60 mph.				
BUTLER COUNTY --- 3.0 SW NEELYVILLE [36.54, -90.54]				
	04/09/09 22:20 CST		0	Hail (0.75 in)
	04/09/09 22:20 CST		0	Source: Trained Spotter
The hail was spotted on the Ripley County line near the Arkansas border.				
RIPLEY COUNTY --- 5.0 S DONIPHAN [36.55, -90.82]				

Storm Data and Unusual Weather Phenomena - April 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/09/09 22:20 CST		0	Hail (0.75 in)
	04/09/09 22:20 CST		0	Source: Emergency Manager

Dime-size hail covered the ground.

BUTLER COUNTY --- 3.9 SW NEELYVILLE [36.53, -90.55]

04/09/09 22:25 CST	5K	Thunderstorm Wind (EG 52 kt)
04/09/09 22:25 CST	0	Source: Trained Spotter

The awning was torn off the front of a house. There was shingle damage to a shed.

BUTLER COUNTY --- (P02)POPLAR BLUFF AR [36.77, -90.33]

04/09/09 22:41 CST	0	Thunderstorm Wind (MG 50 kt)
04/09/09 22:41 CST	0	Source: ASOS

The ASOS (automated surface observing system) at the Poplar Bluff airport measured a gust to 58 mph. Winds were sustained at 40 mph.

STODDARD COUNTY --- BERNIE [36.68, -89.97]

04/09/09 23:00 CST	1K	Thunderstorm Wind (EG 52 kt)
04/09/09 23:00 CST	0	Source: Trained Spotter

Tree limbs were down, a bird bath was blown over, and lawn furniture was thrown across yards.

CAPE GIRARDEAU COUNTY --- CAPE GIRARDEAU [37.30, -89.53]

04/09/09 23:28 CST	0	Hail (0.75 in)
04/09/09 23:28 CST	0	Source: Emergency Manager

Heavy, dime-size hail was reported.

CAPE GIRARDEAU COUNTY --- CAPE GIRARDEAU [37.30, -89.53]

04/09/09 23:28 CST	0	Thunderstorm Wind (EG 52 kt)
04/09/09 23:28 CST	0	Source: Emergency Manager

Winds were estimated near 60 mph.

MISSISSIPPI COUNTY --- CHARLESTON [36.92, -89.33]

04/09/09 23:35 CST	40K	Thunderstorm Wind (EG 61 kt)
04/09/09 23:35 CST	0	Source: Emergency Manager

A car wash was destroyed. A gas station canopy was blown down.

A bow-shaped line of thunderstorms moved east across southeast Missouri. The bowing line of thunderstorms occurred ahead of a strong mid-level low progressing eastward across southeast Kansas and northeast Oklahoma. Instability was limited north of a warm front over extreme southeast Missouri and western Tennessee, but the intensity of the approaching system and strong winds aloft contributed to locally damaging winds and hail.

CAPE GIRARDEAU COUNTY --- 0.7 ESE CAPE GIRARDEAU [37.30, -89.52], 0.9 ENE CAPE GIRARDEAU [37.31, -89.52], 0.9 NE CAPE GIRARDEAU [37.31, -89.52], 0.6 E CAPE GIRARDEAU [37.30, -89.52]

04/15/09 21:00 CST	0	Flood (due to Heavy Rain)
04/17/09 21:00 CST	0	Source: River/Stream Gage

Minor flooding occurred along the Mississippi River, affecting low-lying bottomland fields. At the Cape Girardeau gage, the river crested at 32.14 feet on the 16th. Flood stage there is 32 feet.

Heavy rain over the upper portions of the Mississippi River Valley caused rises along lower parts of the Mississippi. The primary effect was to delay spring planting of crops.

PERRY COUNTY --- BREWER [37.78, -89.92], LITHIUM [37.83, -89.88], 1.2 NW LITHIUM [37.84, -89.90], 0.6 NNW BREWERTVILLE [37.79, -89.93]

04/19/09 20:45 CST	0	Flash Flood (due to Heavy Rain)
04/19/09 21:45 CST	0	Source: Law Enforcement

U.S. Highway 61 was impassable in the Brewer area. County Road 926 was impassable near Lithium.

Storm Data and Unusual Weather Phenomena - April 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A deep, closed low moved northeast from the southern Plains across the mid Mississippi Valley. A small but solid area of heavy rain and embedded thunderstorms surrounded the low center as it drifted northeast. This resulted in localized flash flooding.				
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WAYNE COUNTY --- 2.0 ENE SILVA [37.18, -90.49], 1.7 NNE SILVA [37.19, -90.50], 1.1 ENE SILVA [37.17, -90.50], 1.8 E SILVA [37.17, -90.49]	04/20/09 20:00 CST		0	Flood (due to Heavy Rain)
	04/21/09 12:00 CST		0	Source: River/Stream Gage
Minor flooding of the St. Francis River occurred near Patterson. Low-lying fields and bottomlands were flooded near the river. At the Patterson gage, where flood stage is 16 feet, the river crested at 16.29 feet around 2:45 A.M. on the 21st.				
A cold front passed east across the region between the 18th and 20th, bringing widespread showers and a few thunderstorms. Rain was often heavy during this period, and totals ranged between one and two inches. This forced the St. Francis River above flood stage. The primary effect of the flooding was to delay spring planting of crops.				
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WAYNE COUNTY --- 2.0 E SILVA [37.17, -90.48], 2.0 NE SILVA [37.19, -90.50], 1.6 NNE SILVA [37.19, -90.51], 1.2 E SILVA [37.17, -90.50]	04/29/09 00:30 CST		0	Flood (due to Heavy Rain)
	04/29/09 09:00 CST		0	Source: River/Stream Gage
Minor flooding of the St. Francis River occurred near Patterson. Low-lying fields and bottomlands near the river were flooded. At the Patterson gage, where flood stage is 16 feet, the river crested at 16.27 feet around 3:45 A.M.				
On the 28th, a cold front sagged south across the area and stalled across Tennessee. Numerous rounds of showers and isolated thunderstorms produced rain amounts between 1 and 3 inches. This forced the St. Francis River above flood stage again.				
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NEW MADRID COUNTY --- 2.0 S MOREHOUSE [36.82, -89.68]	04/30/09 15:44 CST		0	Funnel Cloud
	04/30/09 15:44 CST		0	Source: Trained Spotter
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SCOTT COUNTY --- 1.2 SW SIKESTON [36.87, -89.59], 0.6 SSW DIEHLSTADT [36.96, -89.43], 0.4 WSW PORTER [36.98, -89.48], 1.4 NW SIKESTON [36.89, -89.60]	04/30/09 17:25 CST		5K	Flash Flood (due to Heavy Rain)
	04/30/09 19:25 CST		0	Source: Law Enforcement
Many roads were impassable in Sikeston. Some motorists were stranded. At Diehlstadt, a spotter measured 3.27 inches of rain in a period of less than two hours.				
Numerous thunderstorms increased along an axis from central Arkansas into southeast Missouri and southern Illinois. These storms moved through a region of marginal instability, but deep-layer vertical wind shear was sufficient for isolated severe storms with rotation. The complex of storms contained very heavy rainfall that resulted in localized flash flooding.				